IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Group Art Unit 3766

Signature

I, Elizabeth Eiche, hereby certify that this correspondence is being

deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450,

on the date of my signature.

In re

Patent Application of

Michael R.S. Hill

Application No. 10/629,491

Confirmation No.: 7444

Filed: July 29, 2003

Examiner: Kristen Droesch Mullen

"METHOD AND DEVICE FOR ELECTRICALLY CONTROLLING THE BEATING OF A HEART"

> SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR §1.97(c)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and PTO/SB/08B. Copies of non-U.S. patent references are attached. This Statement is also being accompanied by a check in payment of the \$180.00 fee required under 37 CFR §1.17(p). Please charge or credit Deposit Account No. 13-3080 with any shortage or overpayment of the required fee.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

Rave L. Daugher Reg. No. 47,933

File No. 065071-9058 Michael Best & Friedrich LLP 100 East Wisconsin Avenue, Suite 3300 Milwaukee, Wisconsin 53202-4108 414.271.6560

10/10/2006 UABDELR1 00000044 10629491

Substitute for form 1449/PTO	OIFE	Com	plete if Known	
INFORMATION DISCLOS	SINDE	Application Number	10/629,491	
INFORMATION DISCLO	OCT 1 0 2006	Filing Date	July 29, 2003	
STATEMENT BY APPLIC	AN	First named Inventor	Michael R.S. Hill	
		roup Art Unit	3766	
(use as many sheets as necessary) CHEMONO	Examiner name	Kristen Droesch Mullen	
Sheet 1 of 13	THE THE	Attorney Docket Number	065071-9058-00	
	U.S. Patent	Documents		

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	3,614,995	Probert, et al.	10/26/1971
	3,804,098	Friedman	4/16/1974
	3,937,226	Funke	2/10/1976
•	4,088,138	Diack, et al.	5/9/1978
,	4,088,140	Fritsche	2/15/1977
	4,198,963	Barkalow, et al.	4/22/1979
	4,161,952	Kinney, et al.	7/24/1979
•	4,176,660	Mylrea, et al.	12/4/1979
	4,303,075	Heilman et al.	12/1/1981
	4,304,239	Perlin	12/8/1981
	4,321,929	Lemelson et al.	3/30/1982
	4,332,259	McCorkle, Jr.	6/1/1982
	4,351,330	Scarberry	9/28/1982
	4,354,497	Kahn	10/19/1982
	4,458,677	McCorkle, Jr.	7/10/1984
	4,548,203	Tacker, Jr. et al.	10/22/1985
	4,574,807	Hewson et al.	3/11/1986
	4,603,705	Speicher, et al.	8/5/1986

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449/PTO	Complete if Known
INFORMATION DISCLOSUR T 1 0 2006	Application Number 10/629,491
	Filing Date July 29, 2003
STATEMENT BY APPLICANT	First named Inventor Michael R.S. Hill
(use as many sheets as necessary)	Group Art Unit 3766
(use as many sheets as necessary)	Examiner name Kristen Droesch Mullen
Sheet 2of 13	Attorney Docket Number 065071-9058-00

U.S. Patent Documents U.S. Patent Document Number Name of Patentee or Applicant of Cited Date of Publication of Cited Examiner Document Document Initials 4,640,298 Pless et al. 2/3/1987 6/9/1987 4,671,295 Abrams et al. 12/29/1987 Crossley 4,715,367 2/2/1988 Abrams, et al. 4,722,347 Landymore et al. 6/28/1988 4 4,753,244 4/24/1990 4,919,147 Reinhardt, et al. 5/29/1990 4,928,688 Mower 4,929,688 Allen et al. 5/29/1990 า Grover et al. 6/5/1990 4,931,464 Morris et al. 8/28/1990 4,952,586 10/2/1990 Hewson 4,960,133 4/2/1991 5,003,991 Takayama, et al. 4/16/1991 5,007,893 Row 5/14/1991 5,014,698 Cohen 6/18/1991 Goldstone et al. 5,024,228 6/25/1991 Zabara 5,025,807 8/6/1991 5,036,848 Hewson 9/31/1991 5,044,367 Endres et al.

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STATEMENT BY AF	PLICANT	y.	First named Inventor	Michael R.S. Hill
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Sheet 3of 13			Attorney Docket Number	065071-9058-00

Examiner Initials			Date of Publication of Cited Document
-	5,050,600	Parks	9/24/1991
	5,052,390	Hewson	10/1/1991
	5,056,519	Vince	10/15/1991
	5,056,532	Hull et al.	10/15/1991
	5,117,822	Laghi	6/2/1992
	5,117,828	Metzger et al.	6/2/1992
	5,125,406	Goldstone et al.	6/30/1992
	5,127,407	Tan	7/7/1992
	5,129,392	Bardy et al.	7/14/1992
	5,154,172	Terry, Jr., et al.	10/13/1992
	5,156,149	Hudrlik	10/20/1992
	5,156,151	Imran	10/20/1992
	5,174,289	Cohen	12/29/1992
	5,178,149	Imburgia, et al.	1/12/1993
	5,179,950	Stanislaw	1/19/1993
	5,179,952	Buinevicius et al.	1/19/1993
	5,186,170	Varrichio et al.	2/16/1993
	5,188,104	Wernicke et al.	2/23/1993

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(use as many sheets as necessary)			Group Art Unit			
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	Sheet 4of 13		Attorney Docket Numb	oer	065071-9058-00	
		U.S. Patent	t Documents			
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document		
	5,199,428	Obel et	t al.		4/6/1993	
	5,203,326	Collins	3		4/20/1993	
	5,205,285	Baker,	Jr.		4/27/1993	
	5,215,086	Тепту,	Jr. et al.		6/1/1993	
	5,231,988	Wernic	cke et al.		8/3/1993	
	5,235,980	Varrichio et al. Mehra		8/17/1993		
	5,243,980			9/14/1993		
	5,263,480	Wernic	cke et al.		12/14/1993	
	5,265,603	Hudrli	k		11/30/1993	
	5,265,623	Kroll,	et al.		11/30/1993	
	5,267,560	Cohen			12/7/1993	
	5,269,303	Wernio	cke et al.		12/14/1993	
	5,282,468	Klepin	ski		2/1/1994	
	5,284,146	Czar et	t al.		2/8/1994	
	5,292,338	Bardy			3/8/1994	
	5,299,569	Wernic	cke et al.		4/5/1994	
	5,304,120	Crande	ell et al.		4/19/1994	
	5,304,206	Baker,	Jr. et al.		4/19/1994	
Examiner Signature			Da Co	te nsidered		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	July 29, 2003		
		First named Inventor	Michael R.S. Hill		
		Group Art Unit	3766		
	(use as many sheets as necessary)	Examiner name	Kristen Droesch Mullen		
	Sheet 5of 13	Attorney Docket Number	065071-9058-00		
		U.S. Patent Documents			
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document		
	5,304,220	Maginot	4/19/1994		
	5,330,507	Schwartz	7/19/1994		
	5,330,515	Rutecki et al.	7/19/1994		
	5,334,221	Bardy	8/2/1994		
	5,335,657	Terry, Jr. et al.	8/9/1994		
	5,354,318	Taepke	10/11/1994		
	5,356,425	Bardy et al.	10/18/1994		
	5,365,926	Desai	11/22/1994		
1.04.00	5,379,765	Kajiwara et al.	1/10/1995		
	5,403,356	Hill et al.	4/4/1995		
	5,411,529	Hudrlik	5/2/1995		
	5,417,713	Cohen	5/23/1995		
	5,456,254	Pietroski et al.	10/10/1995		
	5,458,625	Kendall	10/17/1995		
	5,476,485	Wieinberg, et al.	12/19/1995		
	5,501,702	Plicchi et al.	3/26/1996		
	5,501,703	Holsheimer et al.	3/26/1996		
	5,507,784	Hill et al.	4/16/1996		

Examiner	Date	
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	INFORMATION DISCLOSURE	Application Nu	mber	10/629,491	
STATEMENT BY APPLICANT		Filing Date		July 29, 2003	
		First named Inv	ventor	Michael R.S. Hill	
		Group Art Unit		3766	
	(use as many sheets as necessary)	Examiner name		Kristen Droesch Mullen	
	Sheet 6of 13	Attorney Docket	Number	065071-9058-00	
		U.S. Patent Documents			
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document	
	5,514,161	Limousin		5/7/1996	
	5,531,776	Ward et al.		7/2/1996	
	5,540,730	Тетту, Јг.		7/30/1996	
	5,540,732	Testerman		7/30/1996	
	5,549,655	Erickson		8/27/1996	
	5,571,150	Wernicke et al.		11/5/1996	
	5,578,061	Stroetmann et al.		11/26/1996	
	5,584,867	Limousin, et al.		12/17/1996	
	5,611,350	John		3/18/1997	
	5,620,468	Mongeon, et al.		4/15/1997	
	5,651,378	Matheny et al.		7/29/1997	
	5,656,420	Chien		8/12/1997	
	5,662,689	Elsberry, et al.		9/2/1997	
	5,668,117	Shapiro	ж	9/16/1997	
	5,690,681	Geddes et al.		11/25/1997	
	5,674,259	Gray		10/7/1997	
	5,700,282	Zabara		12/23/1997	
	5,707,400	Terry, Jr., et al.		1/13/1998	

Examiner	Date	
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INFORMATION DISCLOSURE			Application Nun	nber	10/629,491	
			Filing Date	<u> </u>	July 29, 2003	
STATEMENT BY APPLICANT			First named Inv	entor	Michael R.S. Hill	
			Group Art Unit		3766	
	(use as many sheets as necessary)		Examiner name		Kristen Droesch Mullen	
	Sheet 7of 13		Attorney Docket	Number	065071-9058-00	
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		U.S. Patent	t Documents			
Examiner Initials	U.S. Patent Document Number	Nam	Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document	
	5,713,924	Min et	al.		2/3/1998	
	5,713,929	Hess e	t al.		2/3/1998	
	5,720,768	Verboy	ven-Nelissen		2/24/1998	
	5,755,682	Knuds	on, et al.		5/26/1998	
	5,782,874	Loos			7/21/1998	
	5,791,187	Chang			8/11/1998	
	5,792,187	Adams	3		8/11/1998	
	5,792,203	Schroe	ppel		8/11/1998	
	5,797,970	Pouvre	eau		8/25/1998	
	5,799,661	Boyd,	et al.		9/1/1998	
	5,824,021	Rise			10/20/1998	
	5,836,994	Bourge	eois		11/17/1998	
	5,840,076	Swans	on et al.		11/24/1998	
	5,846,263	Peterso	on et al.		12/8/1998	
	5,846,264	Anders	Andersson, et al. Pelleg		12/8/1998	
	5,874,420	Pelleg			2/23/1999	
	5,889,033	Kaminski		3/30/1999		
	5,893,881	Elsben	ry et al.		4/13/1999	
Examiner Signature				Date Considered		

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			Group Art Unit		3766	
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	Sheet 8of 13		Attorney Docket N	umber	065071-9058-00	
		U.S. Paten	t Documents			
	U.S. Patent Document Number	Nan	ne of Patentee or Ap	onlicant of Cited	Date of Publication of Cited	
Examiner Initials	S.S. Patoni Bosanion (Aumos)		Docume		Document	
	5,893,882	Peters	on et al.		4/13/1999	
	5,902,324	Thom	pson et al.		5/11/1999	
	5,913,876	Taylo	r et al.		6/22/1999	
	5,916,239	Gedde	es et al.		6/29/1999	
	5,928,272	Adkin	s, et al.	-A-1-2-5-1	7/27/1999	
	5,964,789	Karsd	on		10/12/1999	
	5,971,911	Wilk			10/26/1999	
	5,977,408	Levin	et al.		11/2/1999	
	5,995,872	Bourg	eois		11/30/1999	
	5,998,386	Feldm	an		12/7/1999	
	6,006,134	Hill et	al.		12/21/1999	
	6,007,559	Arkan	S		12/28/1999	
	6,014,588	Fitz			1/11/2000	
	6,042,538	Puska	s		3/28/2000	
	6,043,273	Duhay	longsod		3/28/2000	
	6,060,454	Duhaylongsod		5/9/2000		
	6,073,048	Kieva	l, et al.		6/6/2000	
	6,087,394	Duhay	ylongsod		7/11/2000	
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	Sheet 9of 13		Attorney Docket Number	.41	065071-9058-00
		U.S. Pate	nt Documents		
Examiner Initials	U.S. Patent Document Number	Nai	me of Patentee or Applicar Document	nt of Cited	Date of Publication of Cited Document
	6,091,988	Warm	nan et al.		7/18/2000
	6,101,412	Duha	ylongsod	. <u>.</u>	8/8/2000
	6,103,722	Schul	tz, et al.		8/15/2000
	6,127,410	Duha	ylongsod		10/3/2000
	6,141,589	Duha	ylongsod		10/31/2000
	6,141,590	Renir	ie et al.		10/31/2000
	6,184,239	Puska	as		2/6/2001
	6,185,459	Mehr	a et al.		2/6/2001
	6,221,851	Feldn	nan		4/24/2001
	6,234,985	Lurie	et al.		5/22/2001
	6,253,108	Rosb	orough, et al.		6/26/2001
	6,266,564	Hill e	t al.		7/24/2001
	6,272,380	Warn	nan et al.	1.1000	8/7/2001
	6,299,564	Gessl	er et al.		10/9/2001
	6,303,293	Patter	rson et al.		10/16/2001
	6,304,777	Ben-Haim, et al.			10/16/2001
	6,381,499	Taylor et al.			4/30/2002
	6,414,018	Duha	ylongsod		7/2/2002
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		U.S. Paten	t Documents			
Examiner Initials	U.S. Patent Document Number	Nam	Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document	
	6,429,217	Puskas			8/6/2002	
	6,442,429	Hill et	al.		8/27/2002	
	6,449,507	Hill et	al.		9/10/2002	
	6,473,644	Terry,	Jr. et al.		10/29/2002	
	6,479,523	Puskas			11/12/2002	
	6,487,446	Hill et	al.		11/26/2002	
	6,532,388	Hill et	al.		3/11/2003	
	6,537,540	Burste	in et al.		3/25/2003	
	6,542,774	Hill et	al.		4/1/2003	
	6,554,781	Carter	et al.		4/29/2003	
	6,572,895	Smith	et al.		6/3/2003	
	6,587,719	Barrett	et al.		7/1/2003	
	6,589,954	Mavur	ikel et al.		7/8/2003	
	6,609,025	Barrett	et al.		8/19/2003	
	6,622,038	Barrett	et al.	_	9/16/2003	
	6,622,041	Terry,	Terry, Jr. et al.		9/16/2003	
	6,622,047	Barrett	et al.		9/16/2003	
	6,628,987	Hill et	al.		9/30/2003	
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<u> </u>	(use as many sheets as necessary)	Examiner name	Kristen Droesch Mullen
	Sheet 11of 13	Attorney Docket Number	065071-9058-00
		U.S. Patent Documents	
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	6,656,960	Puskas	12/2/2003
	6,690,973	Hill et al.	2/10/2004
	6,711,436	Duhaylongsod	3/23/2004
	6,718,208	Hill et al.	4/6/2004
	6,721,603	Zabara et al.	4/13/2004
	6,735,471	Hill et al.	5/11/2004
	6,738,667	Deno et al.	5/18/2004
	6,778,854	Puskas	8/17/2004
	6,904,318	Hill et al.	6/7/2005
	6,912,419	Hill et al.	6/28/2005
	09/980,421		
	RE38,654	Hill et al.	11/23/2004
	RE38,705	Hill et al.	2/22/2005
	2001/0049543	Kroll	12/6/2001
	2002/0198570	Puskas	12/26/2002
	2002/0198571	Puskas	12/26/2002
	2002/072782	Osorio, et al.	6/13/2002
	2003/0074039	Puskas	4/17/2003

Examiner	Date	
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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number 10/629,491					
					Filing Date			July 29, 2003		
	STA	TEMENT BY APPLICA	INT		First named Inv	entor	Michael R	.S. Hill		
(use as many sheets as necessary)					Group Art Unit					
					Examiner name			oesch Mullen		
Sheet 12of 13					Attorney Docket	Number	065071-90	058-00		
			U	.S. Patent	Documents					
Examiner Initials		U.S. Patent Document Number			e of Patentee or A	Applicant of Cited ent	Date	of Publication of Document	of Cited	
	2	003/0216775		Hill et	al.		11/20/20	03		
	2	003/0216790		Hill et	al.		11/20/20	03		
	2	.003/045909		Gross e	et al.		3/6/2003			
	2	004/0024422	Hill et	Hill et al.						
	2	004/0059383	Puskas			3/25/2004				
	2	004/0111118		Hill et al.			6/10/2004			
	2	004/0162584	· · · ·	Hill et al.			8/19/200	8/19/2004		
	2	004/0172075		Shafer et al.			9/2/2004			
	2	004/0186517		Hill et al.			9/23/2004			
	2	004/0186531		Jahns et al.			9/23/2004			
	2	004/0199209		Hill et al.			10/7/200	10/7/2004		
	2	005/0096707		Hill et al.			5/5/2005			
	2	005/0143412		Puskas			6/30/200	5		
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Examiner Initials	Country Code	Foreign Patent Document Number			tentee or ed Document	Date of Publicati Docume		Translation	English Abstrac	
	AU	9890156	Duhaylongsod			3/1/1999				
	AU	779255	Puskas			6/23/2000				
	CA	2,310,183	Stewart, e	et al.		8/26/1998				
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	STATEMENT BY APPLICANT				First named Inventor		Michael R		
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					niner name		Kristen D	roesch Mullen	
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	CA	2,376,903	Puskas		6/23/2000)			
	DE	2811325	Hildebran	dt et al.	9/27/1979)			
	EP	0589252	Dreher		3/30/1994	ļ			
	EP	1005337	Puskas		6/7/2000				
	EP	1051168	Duhaylon	gsod	11/15/200	/15/2000			
	EP	1181947	Borkan		2/27/2002	2/27/2002		Х	
	EP	0440111	McEwen		8/7/1991	91			
	JP	2001505980	Puskas		6/23/2000)			
	JP	2000507363	Puskas		8/26/1998	3			
	MX	2043	Puskas		8/26/1998	3			
	wo	9740885	Jonkman	et al.	2/5/1997				_
	wo	09907354	Duhaylon	gsod	2/18/1999)			
	wo	0100273	Puskas		2/4/2001				
	wo	0189526	Tracey		11/29/200)1			
	wo	9211064	Mehra		7/9/1992				
	wo	9900057	Ward		1/7/1999			Х	
	wo	9909971	Puskas		3/4/1999				
	wo	9909973	Puskas		8/26/1998				
	wo	9963926	Lurie, et a		12/16/199			X	
	wo	0001306	Scher, et		1/13/2000	•		X	
	wo	0009206	Mehra, et		2/24/2000)		X	
	wo	0226320	Hill, et al.		4/4/2002			X	

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Substitute for f	orm 1449B/PTO			Complete if Known				
Substitute for form (177) Bit 10				Application Number	10/629,491			
INFORMATION DISCLOSURE				Filing Date	July 29, 2003			
STATE	STATEMENT BY APPLICANT			First Named Inventor	Michael R.S. Hill			
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(use as many sheets as necessary)		Examiner Name	Kristen Droesch Mullen					
Sheet	l	of	10	Attorney Docket Number	065071-9058-00			

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	AGNEW, William F., et al., "Considerations for Safety with Chronically Implanted Nerve Electrodes, Epilepsia, 31(Suppl. 2), 1990, pp. S27-S32, Raven Press, Ltd., New York.
	ANNEGERS, A.F., et al., "Epilepsy, Vagal Nerve Stimulation by the NCP System, All-Cause Mortality, and Sudden, Unexpected, Unexplained Death," Epilepsia, 41(5): 549-553, 2000.
	BARWELL, J., et al., "The NIM-2 Nerve Integrity Monitor in Thyroid and Parathyroid Surgery," British Jour. of Surg. 1997, Vol. 84, p. 854.
	BELL, et al., "Intropic Responses of the Left Ventricle to Changes in Heart Rate in Anesthetized Rabbits," Can. J. Physiol. Pharmacol., 1983, 62:531-538.
	BENETTI, F.J., "Direct Coronary Surgery with Saphenous Vein Bypass Without Either Cardiopulmonary Bypass or Cardiac Arrest," J. Cardiovasc. Surg., 26:217-222.
	BENETTI, et al., "Use of Thoracoscopy and a Minimal Thoracotomy, in Mammary-Coronary Bypass to Left Anterior Descending Artery, Without Extracorporeal Circulation, "J. Cardovasc. Surg., 36:159-161.
	BEN-MENACHEM, E., et al., "Vagus Nerve Stimulation for Treatment of Partial Seizures: 1. A Controlled Study of Effect on Seizures," Epilepsia, 35(3): 616-626, 1994.
	BESEDOVSKY, H., et al., "Immunoregulatory Feedback Between Interleukin-1 and Glucocorticoid Hormones," Science, Vol. 233, No. 4764, pp. 652-654, 1986.
	BILGUTAY, A., et al., "Vagal Tuning: A New Concept in the Treatment of Supraventricular Arrhythmias, Angina pectoris, and Heart failure," Jour. of Thorac. & Cardio. Surg., 1968, pp. 71-82.

Examiner		Date	
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INFOR	MATION	N DISCL	OSURE	Filing Date	July 29, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Michael R.S. Hill	
				Group Art Unit	3766	
	(use as many she	ets as necessary)		Examiner Name	Kristen Droesch Mullen	
Sheet	2	of	10	Attorney Docket Number	065071-9058-00	

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
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	BLUEMEL, K.M., et al., "Parasympathetic Postganglionic Pathways to the Sinoatrial Node," Am. Phys. Soc., 1990, pp. H1504-H1508.
	BOROVIKOVA, L.V., et al., "Role of Vagus Nerve Signaling in CNI-1493-mediated Suppression of Acute Inflammation," Autonomic Neuroscience: Basic and Clinical, Vol. 85, pp. 141-147, 2000.
	BOROVIKOVA, L.V., et al., "Vagus Nerve Stimulation Attenuates the Systemic Inflammatory Response to Endotoxin," Nature, Vol. 405, 2000.
	BRAUNWALD, E., et al., "Cartoid Sinus Nerve Stimulation in the Treatmetn of Angina Pectoris and Supraventricular Tachycardia," Western Jour. of Medicine, 1970, No. 112, Vol. 3, pp. 41-50.
	BRISTOW, M., "The Adrenergic Nervous System In Heart Failure," The New Eng. J. of Med., Vol. 311, No. 13, pp. 850-851, 1984.
	BRODDE, Otto-Erich, et al., "Cardiac Muscannic Receptors Decrease with Age In Vitro and In Vivo Studies," Journal of Clinical Investigation, 1998, Vol. 101, No. 2, pp.471-478.
	BUFKIN, B., et al., "Controlled Intermittent Asystole: Pharmacologic Potentiation of Vagal-Induced Asystole," Ann. Thorac. Surg. 1998; 66: 1185-90.
	CARLSON, M., et al., "Selective Stimulation of Parasympathetic Nerve Fibers to the Human Sinoatrial Node," Circulation 1992; 85:1311-1317.
	COOPER, T., et al., "Neural Effects on Sinus Rate nad Aatrioventricular Conduction Produced by Electrical Stimulation from a Transvenouse Electrode Catheter in the Canine Right Pulmonary Artery," Circ. Res. 46: 48-57, 1980.

Examiner	Date	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for t	orm 1449B/PTO				Complete if Known	
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INFORMATION DISCLOSURE				Filing Date	July 29, 2003	
STATE	STATEMENT BY APPLICANT			First Named Inventor	Michael R.S. Hill	
~				Group Art Unit	3766	
(use as many sheets as necessary))	Examiner Name	Kristen Droesch Mullen	
Sheet	3	of	10	Attorney Docket Number 065071-9058-00		

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Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	Declaration/Clarification of John D. Puskas, MD., dated October 11, 2005, pp. 1-7.
	DiMARCO, J.P., M.D., et al. "Adenosine: Electrophysiologic Effects and Therapeutic Use for Terminating Paroxysmal Supraventricular Tachycardia," Therapy and Prevention Arrhythmia, Circulation 68, No. 6, 1983, pp. 1254-1263.
	DIPIRO, J., et al., "Pharmacotherapy: A Pathophysiologic Approach," p. 153-157, 1989.
	DIWAN, A., et al., "Inflammatory Mediators and the Failing Heart: A Translational Approach," Cur. Mol. Med., Vol. 3, No. 2, pp. 161-182, 2003.
	ESPINOSA, J., et al., "Revision and Removal of Stimulating Electrodes Following Long-Term Therapy with the Vagus Nerve Stimulator," Surg. Neurol. 1999; 51:659-64.
	FANNING, et al., "Reoperative Coronary Artery Bypass Grafting Without Cardiopulmnary Bypass," Ann. Thorac. Surg., 55:486-489.
	FINKEL, M., et al., "Negative Inotropic Effects of Cytokines on the Heart Mediated by Nitric Oxide," Science, Vol. 257, pp. 387-389, 1992.
	FLESHNER, M., et al., "Thermogenic and Corticosterone Responses to Intravenous Cytokines (IL-1β and TNF-α) are Attenuated by Subdiaphragmatic Vagotomy," J. of Neuroimmunology, Vol. 86, pp. 134-141, 1998.
	FREILICH, A., M.D., et al., "Adenosine and its Cardiovascular Effects," American Heart Journal, vol. 123, No. 5, May 1992, pp. 1324-1328.

Examiner	Date
Signature	Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for f	orm 1449B/PTO				Complete if Known	
Substitute for form 1447B/110				Application Number	10/629,491	
INFOR	MATION	N DISCLO	OSURE	Filing Date	July 29, 2003	
STATE	MENT E	BY APPL	ICANT	First Named Inventor	Michael R.S. Hill	
~ 11112				Group Art Unit	3766	
	(use as many she	eets as necessary)		Examiner Name	Kristen Droesch Mullen	
Sheet 4 of 10		Attorney Docket Number	065071-9058-00			

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Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	GAYKEMA, R., et al., "Subdiaphragmatic Vagotomy Suppresses Endotoxin-Induced Activation of Hypothalamic Corticotropin-releasing Hormone Neurons and ACTH Secretion," Endocrinology, Vol. 136, No. 10, pp. 4717-4720, 1995.
	GEORGE, R., et al., "Vagus Nerve Stimulation for Treatment of Partial Seizures: 3. Lone-Term Follow-Up on First 67 Patients Exiting a Controlled Study," Epilepsia, 35(3): 637-643, 1994.
	GORMAN, Christine, et al., "How New Heart-Scanning Technology Could Save Your Life," <u>Time</u> , September 5, 2005, pp. 61 and 67.
	GUARINI, S., et al., "Efferent Vagal Fibre Stimulation Blunts Nuclear Factor –κB Activation and Protects Against Hypovolemic Hemorrhagic Shock, Circulation, 2003, Vol. 107, No. 8, pp. 1189-1194.
	GULICK, T., et al., "Interleukin 1 and Tumor Necrosis Factor Inhibit Cardiac Myocyte β-adrenergic Responsiveness," Proc. Natl. Acad. Sci. USA, Vol. 86, pp. 6753-6757, Sept. 1989.
	HAGEMAN, G.R., et al., "Direct and Reflex Cardiac Bradydysrhythmias from a Small Vagal Nerve Stimulations," Am. Heart J. 1975, Mar; 89: 338-48 (Abstract only).
	HAMMOND, Edward J., et al., "Vagus Nerve Stimulation in Humans: Neurophysiological Studies and Electrophysiological Monitoring," Epilepsia, 31 Suppl. 2), 1990, pp. S51-S59, Raven Press, Ltd., New York
	HIROTA, H., et al., "Loss of a gp130 Cardiac Muscle Cell Survival Pathway is a Critical Event in the Onset of Heart Failure during Biomechanical Stress," Cell, Vol. 97, pp. 189-198, 1999.
	JALIFE, J., et al., "Desensitization of the Cholinergic Receptor at the Sinoatrial Cell of the Kitten," Am. Phys. Soc 1980, pp. H439-H448.

Examiner	Date	
Signature	Considered	

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STATE	CMENT E	BY APPL	ICANT	First Named Inventor	Michael R.S. Hill	
	J114231 1 Z			Group Art Unit	3766	
	(use as many she	ets as necessary)	Examiner Name	Kristen Droesch Mullen	
Sheet 5 of 10			10	Attorney Docket Number	065071-9058-00	

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	KHANNA, R., et al., "Coronary Artery Surgery with Induced Temporary Asystole and Intermittent Ventricular Pacing: An Experimental Study," Cardio. Surg., 1996, Vol. 4, No. 2, pp. 231-236.
	KLASSEN, et al., "Coronary Venous Pressure and Flow: Effects of Vagal Stimulation, Aortic Occulsion, and Vasodialators," Can. J. Physiol. Pharmacol., 1983, 62: 531-538.
	KROWN, K., et al. "Tumor Necrosis Factor Alpha-Induced Apoptosis in Cardiac Myocytes: Involvement of the Sphingolipid Signaling Cascade in Cardiac Cell Death," J. Clin. Invest., Vol. 98, No. 12, 1996.
	LAGI, A., et al., "Age-Related Changes of Cardiac Parasympathetic Modulation After Vasovagal Syncope," The Am. Jour. Of Cardiology, Vol. 83, March 15, 1999, pp. 977-980.
	LEVY, M. et al., "Autonomic Control of Cardiac Pacemaker Activity and Atrioventricular Transmission," Journal of Applied Physiology, Vol. 27, No. 4, October 1969.
	LI, Y. Y., et al., "Myocardial Extracellular Matrix Remodeling in Transgenic Mice Overexpressing Tumor Necrosis Factor α can be Modulated by Anti-tumor Necrosis Factor α Therapy," PNAS, Vol. 97, No. 23, pp. 12746-12751, 2000.
	LISMAN, K., et al., "The Role of Tumor Necrosis Factor Alpha Blockade in the Treatment of Congestive Heart Failure," CHF, pp. 275-279, Sept./Oct., 2002.
	LOCKARD, Joan S., et al., "Feasibility and Safety of Vagal Stimulation in Monkey Model," Epilepsia, 31(Supp. 2), 1990, pp. S20-S26, Raven Press, Ltd., New York
	LOEB, J., et al., "Sensitivity Differences of SA and AV Noted to Vagal Stimulation: Attenuation of Vagal Effects at SA Node," Am. Phys. Soc., 1981, pp. H684-H690.

Examiner	Date	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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STATE	MENT B	Y APPL	ICANT	First Named Inventor	Michael R.S. Hill	
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	(use as many she	ets as necessary))	Examiner Name	Kristen Droesch Mullen	
Sheet	6	of	10	Attorney Docket Number	065071-9058-00	

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
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	McGREGOR, E., et al., "Proteomics of Heart Disease," Human Molecular Genetics, Vol. 12, Review Issue 2, pp. R135-R144, 2003.						
	MALONEY, R., et al., "A New Method for Intraoperative Recurrent Laryngeal Nerve Monitoring," ENT Journal, 1994, Vol. 73, No. 1, pp. 30-33.						
	MANN, D., et al., "New Therapeutics for Chronic Heart Failure," Annu. Rev. Med., Vol. 53, pp. 59-74, 2002.						
	MANN, D., "Mechanisms and Models in Heart Failure – A Combinatorial Approach," Circulation, Vol. 100, pp. 999-1008, 1999.						
	MARTIN, P., et al., "Fade of Cardiac Responses Durign Tonic Vagal Stimulation," Am. Phys. Soc., 1982, pp. H219-H225.						
	MATHENY, R., "Experiences in Minimally Invasive Cardiac Surgery – Techniques of Stabilization," presented by the Minneapolis Heart Institute Foundation, June 19-21, 1997.						
	MATHENY, R., et al., "Vagus Nerve Stimulation as Method to Temporarily Slow or Arrest the Heart," Society of Thoracis Surgeons, 1997.						
	MOHIUDDIN, S.M., M.D., et al., "Safety of Different Dosages of Intravenous Adenosine Used in Conjunction with Diagnostic Myocardial Imaging Techniques," Pharmacotherapy, 1993, 13(5), pp. 476-480.						
	NOBREGA, et al., "Resting and Reflex Heart Rate Responses During Cholinergic Stimulation with Pyridostigmine in Humans," Braz. J. Med. Biol. Res. 1996, Nov: 29(11): 1461-5 (Abstract only)						

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				Group Art Unit	3766	
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	NOONAN, DAVID, "And the Beat Goes On," Newsweek, July 11, 2005, pp. 56-57.						
	OKAZAWA, M., et al., "Effect of Vagal Stimulations and Parenteral Acetylcholine on Canine Trachealis Muscle Shortening," J. Appl. Physiol., Vol. 75, No. 6, pp. 2463-2468, 1992 (Abstract Only).						
	PACE, (on the use of nerve cuff stimulation of vagal nerves, October 1992, Vol. 15, No. 10, pt. 11, pp. 1543-1630.						
	PENRY, J. Kiffin, et al., "Prevention of Intractable Partial Seizures by Intermittent Vagal Stimulation in Humans: Preliminary Results," Epilepsia, 31(Suppl. 2), 1990, pp. S40-S43, Raven Press, Ltd., New York						
	PFISTER, et al., "Coronary Artery Bypass Without Cardiopulmonary Bypass," Ann. Thorac, Surg., 54: 1085-92.						
	POLLER, U., et al., "Age-Dependent Changes in Cardiac Muscarinic Receptor Function in Healthy Volunteers," JACC Vol. 29, No. 1, 1997: 187-93.						
	RAMSAY, R., et al., "Vagus Nerve Stimulation for Treatment of Partial Seizures: 2. Safety, Side Effects, and Tolerability," Epilepsia, 35(3): 627-636, 1994.						
	RANDALL, Walter C., PhD., "Parasympathetic Control of the Heart," Chapter 4, Nervous Control of Cardiovascular Function, 1984, pp. 68-94.						
	RANDALL, Walter C., Ph.D. et al., "Functional Anatomy of the Cardiac Efferent Innervation," Neurocardiology, 1988, pp. 3-24.						

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	REID, Steven A., "Surgical Technique for Implantation of the Neurocybernetic Prosthesis," Epilepsia, 31(Suppl. 2), 1990, pp. S38-S39, Raven Press, Ltd., New York
	RUTECKI, Paul, "Anatomical, Physiological, and Theoretical Basis for the Antiepileptic Effect of Vagus Nerve Stimulation," Epilepsia, 31(Suppl. 2), 1990, pp. S1-S6, Raven Press, Ltd., New York
	SATO, I., et al., "Age-Related Changes of Cardiac Control Function in Man," Jour. of Gerontology, 1981, Vol. 36, No. 5, pp. 564-572.
	SEVERTSON, M., et al., "Vagal Nerve Monitoring: A Comparison of Techniques in a Canine Model," Am. Jour. of Otology, 18:398-400, 1997.
	SHARMA, R, et al., "The Importance of Tumor Necrosis Facator and Lipoproteins in the Pathogenesis of Chronic Heart Failure," Heart Failure Monitor, Vol. 2, No. 2, pp. 42-47, 2001.
	SUBRAMANIAN, V., "Clinical Experience with Minimally Invasive Reoperative Coronary Bypass Surgery," Eur. J. Cardio-Thorac Surg., 1996, 10: 1058-1063.
	TAN, L.B., et al., "Cardiac Myocyte Necrosis Induced by Antiotensin II," J. Am. Heart Assoc., Vol. 69, pp. 1185-1195, 1991.
	TAYLOR, P., Goodman and Gilman's, The Pharmacological Basis of Therapeutics, 6th Ed., MacMillan Publishing Co., Inc., New York, pp. 93-94 and 104-108, 1980.
	TERRY, Reese, et al., "An Implantable Neurocybernetic Prosthesis System," Epilepsia, 31 (Suppl. 2, 1990, pp. S33-S37, Raven Press, Ltd. New York.

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for f	orm 1449B/PTO				Complete if Known	
Substitute for t	J.I.I. 1 1 1 7 D/1 1 Q			Application Number	10/629,491	
INFOR	MATION	N DISCLO	OSURE	Filing Date	July 29, 2003	
STATE	MENT B	Y APPL	ICANT	First Named Inventor	Michael R.S. Hill	
~				Group Art Unit	3766	
	(use as many she	ets as necessary)		Examiner Name	Kristen Droesch Mullen	
Sheet 9 of 10				Attorney Docket Number	065071-9058-00	

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.						
	THOMPSON, G.W., et al., "Bradycardia Induced by Intravascular Versus Direct Stimulation of the Vagus Nerve," Ann. Thorac. Surg., 1998; 65:637-42.						
	URTHALER, James F., "Experimental Studies on Pathogenesis of Asystole After Verapamil in the Dog," Am. J. Cardiol., 1979 Oct;44(4): 651-6 (Abstract only)						
	UTHMAN, Basim M., et al., "Efficacy and Safety of Vagus Nerve Stimulation in Patients with Complex Partial Seizures," Epilepsia, 31(Suppl. 2), 1990, pp. S44-S50, Raven Press, Ltd., New York.						
	WATKINS, L., et al., "Implications of Immune-to-Brain Communication for Sickness and Pain," Proc. Natl. Acad. Sci. USA, Vol. 96, pp. 7710-7713, July 1999.						
	WESTABY, S., "Coronary Surgery Without Cardiopulmonary Bypass," British Hearth Journal, 73: 203-205.						
	WILDER, B.J., et al., "Vagus Nerve Stimulation for the Control of Epilepsy," Proceedings of a Symposium held in conjunction with the American Epilepsy Society Annual Meeting, Boston, MA, December 2, 1989, Vol. 31, Supplement 2, 1990.						
	WOODBURY, Dixon M., et al., "Effects of Vagal Stimulation on Experimentally Induced Seizures in Rats," Epilepsia, 31(Suppl. 2), 1990, pp. S7-S19, Raven Press, Ltd., New York						
	YEH, Shing-Shing, et al., "Geriatric Cachexia: The Role of Cytokines ^{1,2} ," Am. J Clin. Nutr., Vol. 70, pp. 183-97, 1999.						
	YOKOYAMA, T., et al., "Cellular Basis for the Negative Inotropic Effects of Tumor Necrosis Factor –α in the Adult Mammalian Heart," The Journal of Clinical Investigation, Vol. 92, pp. 2303-2312, Nov. 1993.						

Examiner	Date
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INFORMATION DISCLOSURE			OSURE	Filing Date July 29, 2003		
STATEMENT BY APPLICANT (use as many sheets as necessary)				First Named Inventor	Michael R.S. Hill	
				Group Art Unit	3766	
				Examiner Name	Kristen Droesch Mullen	
Sheet	10	of	10	Attorney Docket Number	065071-9058-00	

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	YOKOYAMA, T., et al., "Tumor Necrosis Factor –α Provokes a Hypertrophic Growth Response in Adult Cardiac Myocytes," Circulation, Vol. 95, pp. 1247-1252, 1997.					

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